

[illegible]

**WELL RECORD**

MAIL TO DISTRICT OFFICE, OIL CONSERVATION COMMISSION, TO WHICH FORM C-101 WAS SENT NOT LATER THAN TWENTY DAYS AFTER COMPLETION OF WELL. FOLLOW INSTRUCTIONS IN RULES AND REGULATIONS OF THE COMMISSION. SUBMIT IN QUINTPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

HUMBLE OIL & REFINING COMPANY

New Mexico State "BM" (Dual)

(COMPANY OR OPERATOR)

(LEASE)

WELL NO. 1U & 1L, IN NE  $\frac{1}{4}$  OF SE  $\frac{1}{4}$  OF SEC. 2, T. 25-S, R. 37-E, NMPM.  
North Justis McKee and North Justis Fussler, Lea COUNTY

WELL IS 2310 FEET FROM South LINE AND 330 FEET FROM East LINE  
OF SECTION 2 IF STATE LAND THE OIL AND GAS LEASE NO. IS B-11302

DRILLING COMMENCED September 24 1961 DRILLING WAS COMPLETED November 26 1961

NAME OF DRILLING CONTRACTOR Hillin Drilling Company

ADDRESS \_\_\_\_\_ Midland, Texas

ELEVATION ABOVE SEA LEVEL AT TOP OF TUBING HEAD \_\_\_\_\_ THE INFORMATION GIVEN IS TO BE  
KEPT CONFIDENTIAL UNTIL \_\_\_\_\_ 19\_\_ Date Well Completed:

Fusselman: 12-27-61

McKee: 3-1-62

## OIL SANDS OR ZONES

NO. 1, FROM McKee: 8074-76 8086-91, 8093-8103 NO. 4, FROM \_\_\_\_\_ TO \_\_\_\_\_

NO. 2, FROM Fusselman: 6968-84 NO. 5, FROM                      TO                     

NO. 3, FROM \_\_\_\_\_ TO \_\_\_\_\_ NO. 6, FROM \_\_\_\_\_ TO \_\_\_\_\_

## IMPORTANT WATER SANDS

INCLUDE DATA ON RATE OF WATER INFLOW AND ELEVATION TO WHICH WATER ROSE IN HOLE.

NO. 1, FROM \_\_\_\_\_ TO \_\_\_\_\_ FEET. \_\_\_\_\_

NO. 2, FROM \_\_\_\_\_ TO \_\_\_\_\_ FEET.

NO. 3, FROM \_\_\_\_\_ TO \_\_\_\_\_ FEET. \_\_\_\_\_

NO. 4, FROM \_\_\_\_\_ TO \_\_\_\_\_ FEET. \_\_\_\_\_

# CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48	New	220	Larkin	"	"	Surface
9-5/8"	32.8	New	3457	Baker	"	"	Intermediate
4-1/2"	9.5 & 11.60	New & Used	8478	HOWCO	"	*8074-76, 8086-91, 8098-8103	Oil
2-7/8"	6.4	New	8479	Bull Plug & Collar	"	6968-6984	Oil String String

\*Perf. squeezed in 4½" csg 8454-70, 8460-70, 8488-92. Perf. 8180-86 and 8200-05 Plugged off by C1  
MUDDING AND CEMENTING RECORD Bridge Plug and cement set at 8160

**MUDDING AND CEMENTING RECORD** Bridge Plug and cement set at

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	236	200	Pumped	"	"
12-1/4"	9-5/8"	3470	325	Pumped	"	"
8-3/4"	4-1/2"	8489	1500	Pumped	"	"
8-3/4"	2-7/8"	8490	1500	Pumped	"	"

## RECORD OF PRODUCTION AND STIMULATION

(RECORD THE PROCESS USED, NO. OF QTS. OR GALS. USED, INTERVAL TREATED OR SHOT.)

Acidized perf. 6968-84 w/1000 gals of 15% Reg NE acid with an average injection rate of 4.1 BPM. Treated perf. 8074-76- 8086-91 and 8098-8103 w/100 bbls of 1se crude mixed w/40 gals of Halliburton Hyflo.	
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RESULT OF PRODUCTION STIMULATION	Both stimulations were successful. Both wells were completed as flowing oil wells.
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~~CONFIDENTIAL - SECURITY INFORMATION~~ PBD 8490 Fusselman

# DRILL STEM TESTS

DATE	TYPE OF TEST OPEN HOLE OR PERF CSG	FORMATION TESTED		SIZE CHOKE		TOOL OPEN MIN.	FORMATION PRESSURE		RECOVERY - FEET				WAS TEST SATIS.
		M	TO	TOP	BOTTOM		FLOWING	SHUT-IN	OIL	WATER	MUD	OTHER	
10-10-61	Open Hole	4968	4968	1"	5/8"	120	114	1595	-	*140	-	-	Yes
10-26-61	Open Hole	6915	6985	1"	5/8"	150	980	2128	74bbbls.	8bbbls.	-	-	Yes
10-27-61	Open Hole	7004	7076	1"	5/8"	90	526	2540	-	890	30 Gas	366'	Yes
11-4-61	Open Hole	7790	7916	1"	5/8"	45	177	195	-	-	95	-	Yes
11-7-61	Open Hole	8006	8065	Packer - not failed.									No
11-7-61	Open Hole	7885	8065	1"	5/8"	180		646	-	-	1050	-	Yes

\*Slightly GC Sulphur Water.

## CASING, SCRIP

## AND LINER RECORD

DATE		TYPE OF TEST OPEN HOLE OR PERF CSG		FORMATION TESTED		SIZE CHOKE		TOOL OPEN MIN.	FORMATION PRESSURE		RECOVERY - FEET				WAS TEST SATIS.
				FROM	TO	TOP	BOTTOM		FLOWING	SHUT-IN	OIL	WATER	MUD	OTHER	
11-12-61		Open Hole		8360	8406	Failed to Pull Packer Loose.									No
11-23-61		Open Hole		8377	8436	1"	5/8"	63	110-95	95	-	-	100	-	Yes
11-25-61		Open Hole		8377	8486	1"	5/8"	180	1587	2890	42bbbls.	-	8bbbls.	-	Yes
11-26-61		Open Hole		8486	8524	1"	5/8"	180	320	2697	100	558	-	*4000	Yes
									*4000' of gas.						

# RECORD OF DRILL-STEM AND SPECIAL TESTS

IF DRILL-STEM OR OTHER SPECIAL TESTS OR DEVIATION SURVEYS WERE MADE, SUBMIT REPORT ON SEPARATE SHEET AND ATTACH HERETO

## TOOLS USED

ROTARY TOOLS WERE USED FROM 0 FEET TO 8524 FEET, AND FROM FEET TO FEET.  
CABLE TOOLS WERE USED FROM FEET TO FEET, AND FROM FEET TO FEET.

Fusselman: 12-19-61 PRODUCTION

PUT TO PRODUCING McKee: 2-25-62 1962 (Testing)

OIL WELL: THE PRODUCTION DURING THE FIRST 24 HOURS WAS F 157 M 109 BARRELS OF LIQUID OF WHICH F 100 M 100 % WAS OIL; M % WAS EMULSION; M % WATER; AND M % WAS SEDIMENT. A.P.I. GRAVITY M 44.0

GAS WELL: THE PRODUCTION DURING THE FIRST 24 HOURS WAS M M.C.F. PLUS M BARRELS OF LIQUID HYDROCARBON. SHUT IN PRESSURE M LBS. LENGTH OF TIME SHUT IN M

PLEASE INDICATE BELOW FORMATION TOPS (In Conformance With Geographical Section Of State):

### SOUTHEASTERN NEW MEXICO

T. 1 Rustler 982  
B. 1 Tansil 2179  
T. YATZS 2286  
T. 7 RIVERS 2519  
T. QUEEN 3113  
T. SAN ANDRES 3580  
T. GLORIETA 4630  
Paddock? 4850  
Blinbry? 4973  
Tubb 5656  
Drinkard 5844  
Aho 6157

### NORTHWESTERN NEW MEXICO

T. OJO ALAMO  
T. KIRTLAND-FRUITLAND  
T. FARMINGTON  
T. PICTURED CLIFFS  
T. MENEFFEE  
T. POINT LOOKOUT  
T. MANCOS  
T. DAKOTA  
T. MORRISON  
T. PENN

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	FROM	TO	THICKNESS IN FEET	FORMATION
0	1357	1357	Red Bed				
1357	2190	833	Salt and Anhydrite				
2190	3150	960	Anhydrite & Gyp.				
3150	3362	212	Anhydrite, Gyp & Lime				
3362	3511	149	Lime				
3511	3775	264	Lime and Dolomite				
3775	4476	701	Sandy Lime				
4476	4795	319	Lime				
4795	5206	411	Sandy Lime				
5206	6960	1754	Lime and Dolomite				
6960	7076	116	Lime and Chert				
7076	7453	377	Lime, Dolomite and Chert				
7453	7579	126	Lime and Dolomite				
7579	7710	131	Lime and Shale				
7710	7832	122	Lime, Dolomite and Shale				
7832	8020	188	Lime and Shale				
8020	8301	281	Sandy Lime and Shale				
8301	8376	75	Lime, Dolomite and Shale				
8376	8412	36	Dolomite				
8412	8524	112	Lime and Dolomite				
	T.D.						

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I HEREBY SWEAR OR AFFIRM THAT THE INFORMATION GIVEN HERewith IS A COMPLETE AND CORRECT RECORD OF THE WELL AND ALL WORK DONE ON IT SO FAR AS CAN BE DETERMINED FROM AVAILABLE RECORDS.

March 9, 1962

COMPANY OR OPERATOR Humble Oil & Refining Company ADDRESS Box 2347, Hobbs, New Mexico  
NAME SIGNED: ARVIN D. EADY POSITION OR TITLE Agent